

From: [Bennett, Jim](#)
To: [Hofreiter, Larry](#)
Subject: RE: Quick Question...
Date: Friday, June 08, 2012 11:29:00 AM

Larry,

It does pertain to the O&M building on the Rugged Solar site. The Department takes a conservative stance on this issue since radionuclides can be found sporadically anywhere in the backcountry in areas underlain with granitic rock.

Jim Bennett, P.G. #7707, CHG#854
Groundwater Geologist

County of San Diego

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From: Hofreiter, Larry
Sent: Friday, June 08, 2012 10:58 AM
To: Bennett, Jim
Subject: Quick Question...

Hey Jim,

Can you confirm that the radionuclide issue pertains to the O&M building on the Rugged Solar site?

- **Groundwater Quality:** There is a potential risk for naturally-occurring radionuclides to be present at levels above drinking water standards in wells used for domestic supply in areas underlain by fractured crystalline bedrock in the backcountry of our County. Since elevated radionuclide concentrations above the Maximum Contaminant Level (MCL) could pose a threat to human health, water quality sampling will be required to ensure that there is a safe and potable water supply for any new wells to be used for the project. For wells with constituents found to exceed any primary MCL, a water treatment system could be implemented to reduce detectable concentrations to below the MCL. The treatment of radionuclides is expensive and may prove to be economically infeasible. It is therefore recommended that for any new wells to be included for this project and used for potable water, that water quality testing portion of your project proceed as soon as possible to evaluate potential impacts.

Larry Hofreiter

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